

Patent Claims:

1. Corrugated pipe hose assembly (1), in particular, for pressurized devices, specifically cooling devices for motor vehicles,

with a corrugated pipe hose (2) comprising a corrugated pipe (6), which has helical or ring-shaped ribs (8) arranged axially at a distance from each other, and which is enclosed by a covering (11), which encloses the corrugated pipe (6) with the exception of at least one end section (24);

with a mount (3), which has a first tubular part (16) with a passage opening (19) for receiving the end section (24) and a second tubular part (17) with an opening 22 for receiving a section (28) of covering (11), in which case the passage opening (19) is defined by an inner wall (18) of the first part (16) and the opening (22) is defined by a wall (23) of the second part (17);

with a conduit means (4), which is connected with the mount (3) in a fluid-tight manner;

in which case at least one sealing bushing (25) is located in the first tubular part (16).

2. Corrugated pipe hose assembly as in Claim 1, characterized in that the tubular part (16) is a metal pipe which is deformed in its radial direction such that the sealing bushing (25) abuts, in a sealing manner, between its inner wall (18) and at least one rib (8) of the corrugated pipe (6), in which case a fluid-tight press fit is created between the first part (16) and the corrugated pipe (6).

3. Corrugated pipe hose assembly as in Claim 1, characterized in that the first tubular part (16) is deformed in its radial direction such that it presses the inner

wall (25a) of the sealing bushing (25) against several ribs (8) of the corrugated pipe (6) in order to create a seal, and that, between the first part (16) and the corrugated pipe (6), with the sealing bushing (25) being interposed, a fluid-tight press fit is created.

4. Corrugated pipe hose assembly as in Claim 1, characterized in that the first part (16) can be plastically deformed.
5. Corrugated pipe hose assembly as in Claim 4, characterized in that the plastic deformation in a ring-shaped section (21) of the first part (16) is directed radially inward.
6. Corrugated pipe hose assembly (1) as in Claim 1, characterized in that the mounted sealing bushing (25) can be plastically deformed.
7. Corrugated pipe hose assembly as in Claim 1, characterized in that the mounted sealing bushing (25) can be elastically deformed.
8. Corrugated pipe hose assembly as in Claim 1, characterized in that the deformed sealing bushing (25) creates a form-closed connection between the corrugated pipe (6) and the deformed first part (16).
9. Corrugated pipe hose assembly as in Claim 1, characterized in that the sealing bushing (25) is made of a single material.
10. Corrugated pipe hose assembly as in Claim 1, characterized in that the sealing bushing (25) comprises at least one insert (25b) of a different material.
11. Corrugated pipe hose assembly as in Claim 1, characterized in that the sealing bushing (25) is associated with another sealing bushing (26) which, in axial

direction, adjoins the sealing bushing (25) or is arranged at a distance from said bushing (25).

12. Corrugated pipe hose assembly as in Claim 1, characterized in that the corrugated pipe (6) is connected with a conduit means (4).
13. Corrugated pipe hose assembly as in Claims 10 and 11, characterized in that the conduit means (4) is soldered to the first part (16) and to the corrugated pipe (6).
14. Corrugated pipe hose assembly as in Claim 1, characterized in that the first part (16) and the second part (17) are joined by welding or soldering, or are connected in one piece.
15. Corrugated pipe hose assembly as in Claim 1, characterized in that the second part (17) is in form-closed engagement with covering (11).
16. Corrugated pipe hose assembly as in Claim 1, characterized in that the second part (17) is pressed together with the covering (11).
17. Corrugated pipe hose assembly as in Claim 1, characterized in that the second part (17) is provided with an inner profile (33).
18. Corrugated pipe hose assembly as in Claim 1, characterized in that the corrugated pipe (6) contains a hose (32).
19. Method for the connection of a corrugated pipe hose (2) with another conduit means (4), comprising the following steps:

- a. Removing the covering (11) of the corrugated pipe hose (2) in an end section (24) having a length which is shorter than the length of a first part (16) of a mount (3);
- b. Cleaning the exposed end section (24) of the corrugated pipe (6);
- c. Mounting a sealing bushing (25) to the end section (24, 28) of the corrugated pipe hose, or inserting the sealing bushing (25) in the mount (3);
- d. Mounting the mount (3) to the end section (24, 28) of the corrugated pipe hose (2);
- e. Inserting the conduit means (4) in the first part (16) of the mount (3);
- f. Connecting the conduit means (4) with the first part (16);
- g. Deforming the mount (3) to secure and seal said mount with respect to the corrugated pipe (6) and the covering.